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Australian Network Trends - Virtualization

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Where is the action

- Move towards the Data Centre
  - Corporates
  - Providers

    - Telstra, Optus…
    - Glass House
    - Datacom
    - Amazon plans??
    - Datacentre spending to hit $2bn in 2012*

  - Implication?
    - More virtualised services!

* http://www.budde.com.au/Research/Australia-Data-Centres.html

What's a Virtualised Service?

- More than just a Virtual Machine

  - Would like Apache with that?

  - And an SQL server?

  - Do you need bandwidth flexibility?

  - How about multiple servers with load-balancing?

  - Let us customise that app for you!

Where does that lead?

- We have been seeing a trend for "server" type functions to move from remote sites to central sites for some time.
  - This will probably continue… but

Everyone Wins

- Central sites are beginning to see the benefits of moving from central sites to "virtualised services"

  - And now the remote sites may get the benefits of being both centralised (I don't have to administer this anymore); and de-centralised (the traffic doesn't have to go all the way to Sydney, the SP has a local presence here in Perth)